

UTILITY PATENT APPLICATION TRANSMITTAL <i>(Only for original applications)</i>	Attorney Docket No. 1602.1029 First Named Inventor or Application Identifier: Terunobu MARUYAMA et al. Express Mail Label No.
APPLICATION ELEMENTS <i>See MPEP chapter 600 concerning utility patent application contents.</i>	ADDRESS TO: Commissioner for Patents Box Patent Application PO Box 1450 Alexandria, VA 22313-1450


17548 U.S. PTO
 10/705787
 11/12/03

1. ☒ Fee Transmittal Form
2. ☒ Specification, Claims & Abstract[Total Pages: 44]
3. ☒ Drawing(s) (35 USC 113)[Total Sheets: 14] [FIGS. 1-23]
4. ☒ Oath or Declaration[Total Pages: 5]
 - a. ☒ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 CFR 1.63(d))
 - i. ☐ **DELETION OF INVENTOR(S)**
 Signed statement attached deleting inventor(s) named in the prior application,
 see 37 CFR 1.63(d)(2) and 1.33(b).
5. ☐ Verified Statement Claiming Small Entity Status
6. ☐ Application Data Sheet. See 37 C.F.R. 1.76
7. ☒ Applicant claims foreign priority benefit to: Japanese Application 2002-331756 and 2003-201144 filed November 15, 2002 and July 24, 2003, respectively
8. ☐ CD-Rom or CD-R in duplicate, large table or Computer Program (Appendix)
9. ☐ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. ☐ Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statement verifying identity of above copies
10. ☐ For publication of assignee information under 37 CFR 1.215(b), list the assignee as FUJITSU LIMITED of Kawasaki, JAPAN. The Assignment papers will be filed later.

ACCOMPANYING APPLICATION PARTS

11. ☒ Assignment (cover sheet & document(s)) to FUJITSU LIMITED of Kawasaki, JAPAN
 ☒ for publication of assignee information under 37 CFR 1.215(b)
12. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
13. ☐ English Translation Document (if applicable)
14. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
15. ☐ Preliminary Amendment
16. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
17. ☒ Certified Copy of Priority Document(s) (if foreign priority is claimed)
18. ☐ Request and Certification for Nonpublication under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent
19. ☐ Other:

20. CORRESPONDENCE ADDRESS


21171
PATENT TRADEMARK OFFICE



16519 U.S. PTO

S&H Form (10/03)

NEW APPLICATION FEE TRANSMITTAL		Attorney Docket No.	1602.1029
		Application Number	To be Assigned
		Filing Date	November 12, 2003
AMOUNT ENCLOSED	\$ 1878.00	First Named Inventor	Terunobu MARUYAMA et al.

FEE CALCULATION (fees effective 10/01/03)

CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
	TOTAL CLAIMS	22 - 20 =	2	X \$ 18.00 =	\$ 36.00
	INDEPENDENT CLAIMS	15 - 3 =	12	X \$ 86.00 =	1032.00
	MULTIPLE DEPENDENT CLAIMS (any number; if applicable)			+ \$290.00 =	
				BASIC FILING FEE	770.00
				Total of above Calculations =	\$ 1838.00
	Surcharge for late filing fee, Oath or Declaration (37 CFR 1.53(f)) (\$130.00)				
	Reduction by 50% for filing by small entity (37 CFR 1.27).				
				TOTAL FILING FEE =	\$ 1838.00
	Surcharge for filing non-English language application (\$130.00; 37 CFR 1.52(d))				
	Recordation of Assignment (\$40.00; 37 CFR 1.21(h))				
				TOTAL FEES DUE =	\$ 1878.00

METHOD OF PAYMENT

- ☒ Check enclosed as payment.
- ☐ Charge "TOTAL FEES DUE" to the Deposit Account No. below.
- ☐ No payment is enclosed and no charges to the Deposit Account are authorized at this time
(unless specifically required to obtain a filing date).

GENERAL AUTHORIZATION

- ☒ If the above-noted "AMOUNT ENCLOSED" is not correct, the Commissioner is hereby
authorized to credit any overpayment or charge any additional fees necessary to:

Deposit Account No.

19-3935

Deposit Account Name

STAAS & HALSEY LLP

- ☒ The Commissioner is also authorized to credit any overpayments or charge any additional fees
required under 37 CFR 1.16 (filing fees) or 37 CFR 1.17 (processing fees) during the
prosecution of this application, including any related application(s) claiming benefit hereof
pursuant to 35 USC 120 (e.g., continuations/divisionals/CIPs under 37 CFR 1.53(b) and/or
continuations/divisionals/CPAs under 37 CFR 1.53(d)) to maintain pendency hereof or of any
such related application.

SUBMITTED BY: STAAS & HALSEY LLP

Typed Name	Gene M. Garner, II	Reg. No.	34,172
Signature		Date	Nov. 12, 2003

EXPLANATIONS OF RELEVANCY OF REFERENCES	ATTORNEY DOCKET NO. 1602.1029	APPLICATION NO. To be Assigned
	FIRST NAMED INVENTOR Terunobu MARUYAMA et al.	
	FILING DATE November 12, 2003	GROUP ART UNIT To be Assigned

Inventor, Patent Number, Country, Author, Title, Name of Document	Issue date	Concise Explanation of the Relevance (indication of page, column, line, figure of the relevant portion)
Japanese Patent Laid-Open No.5-6403	Jan.14,1993	We enclose the brief English Translation thereof. <Remarks> We enclose herewith the English translations of the above-described relevant portions, respectively.
Japanese Patent Laid-Open No.10-254923	Sep.25,1998	We enclose the brief English Translation thereof. <Remarks> We enclose herewith the English translations of the above-described relevant portions, respectively.
Japanese Patent Laid-Open No.9-44552	Feb.14,1997	We enclose the brief English Translation thereof. <Remarks> We enclose herewith the English translations of the above-described relevant portions, respectively.
Japanese Patent Laid-Open No.2000-207440	Jul.28,2000	We enclose the brief English Translation thereof. <Remarks> The Corresponding US Patent Application is US Patent No.6,449,750.

ATTACHMENT 1(e)

EXPLANATIONS OF RELEVANCY OF REFERENCES	ATTORNEY DOCKET NO. 1602.1029	APPLICATION NO. To be Assigned
	FIRST NAMED INVENTOR Terunobu MARUYAMA et al.	
	FILING DATE November 12, 2003	GROUP ART UNIT To be Assigned

Inventor, Patent Number, Country, Author, Title, Name of Document	Issue date	Concise Explanation of the Relevance (indication of page, column, line, figure of the relevant portion)
Japanese Patent Laid-Open No.6-223130	Aug.12,1994	We enclose the brief English Translation thereof. <Remarks> We enclose herewith the English translations of the above-described relevant portions, respectively.
Japanese Patent Laid-Open No.3-157781	Jul.05,1991	We enclose the brief English Translation thereof.
Japanese Patent Laid-Open No.2001-60216	Mar.06,2001	We enclose the brief English Translation thereof.
Japanese Patent Laid-Open No.7-85112	Mar.31,1995	We enclose the brief English Translation thereof.
Japanese Patent Laid-Open No.4-140885	May 14,1992	We enclose the brief English Translation thereof.
Japanese Patent Laid-Open No.5-225274	Sep.03,1993	We enclose the brief English Translation thereof.
Japanese Patent Laid-Open No.8-190421	Jul.23,1996	We enclose the brief English Translation thereof.